

**APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA**

JUN 15 1987

Date of filing in State Engineer's Office.....

Returned to applicant for correction.....

Corrected application filed.....

Map filed..... **JUN 15 1987**

The applicant United States Department of the Interior, Bureau of Reclamation
P.O. Box 427, of Boulder City,
Street and No. or P.O. Box No. City or Town
Nevada 89005, hereby make Application for permission to appropriate the public
State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) The Bureau of Reclamation is
an agency of the Federal Government.

1. The source of the proposed appropriation is Lower Virgin River Valley Ground-Water Aquifer
Name of stream, lake, spring, underground or other source
SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 14, T. 14 S., R. 69 E., M.D.B.M.

2. The amount of water applied for is (1000 gpm) 2.228 second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet Not Applicable

3. The water to be used for Exploration and evaluation of Hydrogeologic Properties of the Virgin River Valley Aquifer.
Purpose of use, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for: (See description of this project on pp.3-4).

(a) Irrigation, state number of acres to be irrigated Not Applicable

(b) Stockwater, state number and kinds of animals to be watered Not Applicable

(c) Other use (describe fully under "No. 12. Remarks") Exploration and Evaluation of Aquifer

(d) Power:

(1) Horsepower developed Not Applicable

(2) Point of return of water to stream Not Applicable

5. The water is to be diverted from its source at the following point Pumped well VR-2 is located in the
Describe as being within a 40-acre subdivision of public
SE $\frac{1}{4}$ NE $\frac{1}{4}$ sec. 14, T. 14 S., R. 69 E., M.D.B.M. at a point S. 47°01' W.
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

8400 feet from BMJ51 in an unsurveyed area of the RIVERSIDE QUADRANGLE, NEVADA - CLARK COUNTY, 7.5-Minute Series.

6. Place of use Water pumped from the test well VR-2 will be returned to the
Describe by legal subdivision. If on unsurveyed land, it should be so stated.
Virgin River Channel as shown on the inset of the accompanying map. This
location is largely on unsurveyed land in the SE $\frac{1}{4}$ NE $\frac{1}{4}$, sec. 14, T. 14 S.,
R. 69 E., M.D.B.M.

7. Use will begin about January 01 and end about December 31, of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) 10-inch drilled test well with slotted,
State manner in which water is to be diverted, i.e. diversion structure, ditches and
PVC casing and a cluster of five
2-inch monitoring wells. During pumping tests, water will be directed
flumes, drilled well with pump and motor, etc.
to river channel via a temporary irrigation pipe.

9. Estimated cost of works \$25,000

10. Estimated time required to construct works. Drilled test well VR-2 has been completed to
If well completed, describe works.
103 feet with a 10-inch SCH. 40, PVC casing slotted 20' to 80'.
11. Estimated time required to complete the application of water to beneficial use. Testing and monitoring of
the aquifer may extend for a maximum of five years.
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual
consumptive use.

A. There will be no consumptive use during exploration of the aquifer
as the pumped water will be returned to the river channel.

B. Waivers of certain well construction regulations to facilitate
exploration of the Virgin River Valley Fill Aquifer are identified
in Dick L. Williford's correspondence to Frank Di Sanza, Bureau of
Reclamation. Dated January 6, 1987. (copy attached, pp. 5-6)

s/ Dwight L. Sawyer, Jr.

By Dwight L. Sawyer, Jr., Agent
State Water-Right Surveyor #781
Bureau of Reclamation, P.O. Box 427
Boulder City, NV 89005

Compared jm/bc

Protested _____

OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following
limitations and conditions:

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to
exceed _____ cubic feet per second _____

Work must be prosecuted with reasonable diligence and be completed on or before _____

Proof of completion of work shall be filed on or before _____

Application of water to beneficial use shall be made on or before _____

Proof of the application of water to beneficial use shall be filed on or before _____

Map in support of proof of beneficial use shall be filed on or before _____

Completion of work filed _____ IN TESTIMONY WHEREOF, I _____

Proof of beneficial use filed _____ State Engineer of Nevada, have hereunto set my hand and the seal of my

Cultural map filed _____ office, this _____ day of _____,

Certificate No. _____ Issued _____ A.D. 19 _____

WITHDRAWN BY APPLICANT MAR 25 1996
(Signature)
STATE ENGINEER

State Engineer